CONCEPT

Payment Systems and Cashless Economy Training: RTGS, Instant Payments and Oversight

22 – 26 February 2027
Dubai - Five-star CBD venue



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Ref: 1296_22243 **Date:** 22 – 26 February 2027 **Location:** Dubai - Five-star CBD venue **Fees:** 19500 SAR

Introduction:

Payment systems and cashless economy training on RTGS, instant payments and oversight is a one-week course for central bank payment, payment system operator, bank payments and fintech payment staff, ending with a payment ecosystem assessment and cashless roadmap for a case economy. Economies stay cash-heavy and exposed to settlement failures when infrastructure, oversight and inclusion policy are planned in separate silos. Nominees already run, oversee or connect to payment infrastructure, and the course is taught through case studies of payment ecosystems drawn from several economies. CoreConcept Training Center delivers this course on payment systems and the cashless economy.

Course Objectives:

- Explain the structure of a national payment ecosystem, the roles of central bank, operator, participants and overseer, and the drivers of cash usage
- Compare RTGS, automated clearing house, instant payment and switch designs and their settlement finality and netting choices
- Assess retail payment instruments, cross-border payment channels and digital money proposals for their policy and inclusion effects
- Apply the Principles for financial market infrastructures to evaluate settlement risk, intraday liquidity and participant default arrangements
- Design fraud and operational resilience controls for payment infrastructure and its connected participants
- Prepare a payment ecosystem assessment and cashless roadmap backed by performance and inclusion indicators

Target Audience:

- Central bank payment staff responsible for the policy, operation and development of national payment infrastructure
- Overseers responsible for assessing payment systems and financial market infrastructures against international principles
- Payment system operator staff responsible for RTGS, clearing house, instant payment and switch operations
- Bank payments unit staff responsible for settlement accounts, intraday liquidity and connection to national systems
- Fintech and e-money staff responsible for wallet, QR and account-to-account payment services
- Financial inclusion and policy staff responsible for cashless economy targets and digital payment adoption

Course Outline:

Day 1: Payment System Landscape and National Payment Ecosystem Foundations

- Payment System Taxonomy From Large-Value to Retail Instruments
- Roles of Central Bank, Operator, Participant and Overseer
- Cash Usage Drivers and Cashless Economy Policy Objectives
- Payment Instrument Mix Across Cash, Cheque and Electronic Channels
- Payment Ecosystem Current-State Diagnostic Using Public Indicators

Day 2: Payment Infrastructure Architecture, Clearing and Settlement

- RTGS Design With Central Bank Money and Immediate Finality
- Automated Clearing House Batch Cycles and Deferred Net Settlement
- Instant Payment System Scheme Rules and Round-the-Clock Operation
- Retail Payment Switch Interoperability and Shared Infrastructure Models
- Settlement Finality, Netting Arrangements and Settlement Asset Choice

Day 3: Retail Payment Instruments, Cross-Border Flows and Digital Money

- Merchant QR Code Standards and Acceptance Network Expansion
- Mobile Wallet and E-Money Issuer Safeguarding Arrangements
- Account-to-Account Request-to-Pay and Bill Payment Overlays
- Cross-Border Payment Frictions in Cost, Speed, Access and Transparency
- Stablecoin and CBDC Overview Through a Payment Policy Lens

Day 4: Oversight, Settlement Risk, Fraud and Operational Resilience

- PFMI Principles Applied to Systemically Important Payment Systems
- Intraday Liquidity Monitoring and Liquidity-Saving Queue Mechanisms
- Participant Default Procedures and Settlement Risk Containment
- Authorised Push Payment Fraud and Mule Account Detection Controls
- Payment Infrastructure Incident Recovery and Cyber Resilience Testing

Day 5: Case Study on a Payment Ecosystem Assessment and Cashless Roadmap

- Case Economy Payment Data Pack and Stakeholder Interview Notes
- Case Infrastructure Gap Review Against PFMI Responsibilities of Authorities
- Payment Ecosystem Performance Scorecard With Usage and Inclusion Indicators
- Financial Inclusion Measures for Underserved Merchants and Households
- Payment Ecosystem Assessment and Cashless Roadmap Completion

Skills You Will Gain:

- Payment Infrastructure Mapping
- Settlement Model Comparison
- Intraday Liquidity Analysis
- PFMI Gap Assessment
- Retail Payment Instrument Evaluation
- Payment Fraud Typology Recognition
- Operational Resilience Planning
- Payment Ecosystem Indicator Design

Why Attend This Course:

- Present a payment ecosystem assessment and cashless roadmap for a case economy to the payment policy committee or management board for review
- Decide which settlement model, liquidity tool or interoperability option fits a given payment flow and risk appetite
- Avoid settlement failures, liquidity gridlock and fraud losses that stall cashless adoption and erode public trust in electronic payments
- Brief colleagues in operations, oversight and product units using one shared vocabulary and scorecard for the payment ecosystem

Conclusion:

Back at work, the participant gives the payment policy committee, the operator's management or the bank's payments head a payment ecosystem assessment and cashless roadmap that sets priorities for infrastructure upgrades, oversight actions and inclusion measures. Policy staff use it to sequence instant payment, interoperability and acceptance initiatives, while overseers use its gap findings to plan assessment work. After its first use, the unit should review whether the scorecard indicators were available and reliable, which roadmap actions slipped and how stakeholders responded to the proposed priorities.

Frequently Asked Questions FAQ:

What should participants know before a payment systems and cashless economy course?

Participants should already work in payment operations, oversight, bank payments or digital payment services and understand basic accounts and transfers. No modelling skill is needed; bringing anonymised volume or incident data from their own environment helps them apply the case work.

How does a payment systems and cashless economy course differ from a card operations or corporate cash management course?

It looks at the whole national payment infrastructure and its policy: settlement systems, oversight, retail instruments and inclusion. Card operations courses follow single card transactions and disputes, while cash management courses design account and liquidity products for corporate clients.

Why does settlement finality matter in payment systems and the cashless economy?

Settlement finality fixes the moment a payment becomes irrevocable, so participants know when funds are truly theirs. Without it, a participant failure can unwind payments, spread losses to others and weaken public confidence in electronic money.

What do participants take back from a payment systems and cashless economy course?

Participants take back a payment ecosystem assessment and cashless roadmap for a case economy, with an infrastructure gap review, a performance scorecard and inclusion measures that can be adapted to their own institution.